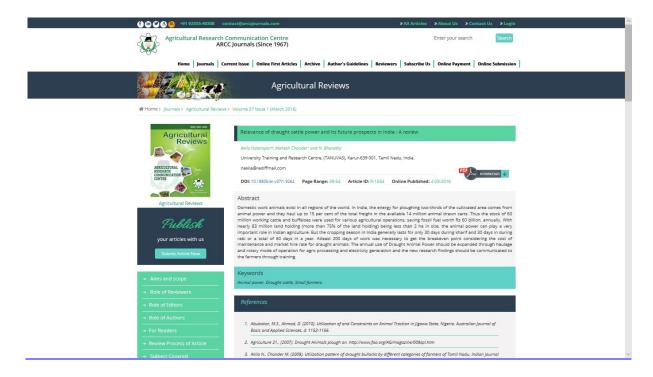
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#### Relevance of draught cattle power and its future prospects in India: A review.

- Source: Agricultural Reviews . Mar2016, Vol. 37 Issue 1, p49-54. 6p.
   Author(s): Natarajan, Akila; Chander, Mahesh; Bharathy, N.
- Abstract: Domestic work animals exist in all regions of the world. In India, the energy for ploughing two-thirds of the cultivated area comes from animal power and they haul up to 15 per cent of the total freight in the available 14 million animal drawn carts. Thus the stock of 60 million working cartle and buffaloes were used for various agricultural operations, saving fossil fael worth 8x 60 billion, annually. With nearly 83 million land holding (more than 75% of the land holding) being less than 2 has in size, the animal power can play a very important role in finding agriculture. But the cropping season in Indias generally last for only 30 days during kindly and 30 days or up area. Attend 200 days of work was necessary to get the breakeven point conformation and an advantage of the state of the
- training.

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## ELECTRICAL POWER USES FOR RURAL AREAS WITH ANIMAL POWERED DEVICE HYBRID WITH SOLAR ENERGY IN PLACE OF CONVENTIONAL

#### FUEL

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#### ABSTRACT

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In this paper a lybrid power system combining solar energy and animal energy is experimentally studied to supply continuan power for lightnessing in home and small uses of electrical power againstance are read used where wood and consists has been suiting and removal of its hampful effect on environment caused by the the of these falls, climation has been suiting themstit works at read ones had be the electrical personation. So that any and the electrical personation by continual power is a new idea. The invented animal powered mechanical device has unique flusaries of using animal power any prime mover for electricity generation. Asimal energy in form of high-unique is converned and high-paded though networked systems to electrical energy personate. The electricity is stored to the battery and using inverter it can be use for lightnessing of home by convening Dover. Current to Alemantine Current. This equipment has long life, entition for and it is cost effective. The phonocolonic granus is used as primary source which can be used when needed. This system can work when the was light is either available on ent anisolable to both conditions. This can replace the convention and other last lasts for lightness and for mails used of electricity and can decrease the hampful effect on the last of the light effects of the mail to be the contribution and an electrical to the hampful effect on the last of the lightness of the mail to be of the contributed and an electrical and the contribute and an electrical to the hampful effect on the last of the last and an electrical a carozine and other fuel uses for lighting and for small uses of electricity and can decreases the harmful effect on

Keywords: Animal Power, Photovoltic Systems, Kerosene Effect, Hybrid Energy,

Lack of suitable home lighting is directly linked to illiteracy, poverty and health problems. Over 1.5 billion peoples thy on herosens for light. The current wisterpread brazing of knowses also results in extremental people in it very difficult and very costly to available grid power everywhere specially at remote isolated communities in developing countries. These are many renerwhale power sources like solar power, wind power, blottenery, iso-chemically power, find energy set, but all have shell instantons. Although from beginning of manded minimals have been using for demonstr works at rural and remote zeas, but the electricity generation by Animal power is a novel technology [1-4].